

JSB3142

Programmable/Switch Values

Timer Values

Reset Timer Value

This is the time that when wdt is enabled it must receive a reset command. The reset command can either be from the hardware input or a command from the USB port (if usb is enabled). Range is from 100msec to 60 minutes in 100msec steps.

Relay Time-out Value

This is the time the relay stays in the time-out state. If the value is zero (0) relay remains in the time-out state until wdt is enabled again. Range is from 100msec to 60 minutes in 100msec steps.

Power Up Enable Time Delay Value

When module is first powered up, delay before wdt is automatically enabled. If the value is zero (0) another method must enable wdt. Range is from 100msec to 5 minutes in 100msec steps.

Re-Enable Time Delay Value

This is the time that after a time-out has occurred the wdt is enabled again. If the value is zero (0) another method must enable wdt. Range is from 100msec to 5 minutes in 100msec steps.

Boolean Values

External Enable Level

If true the enable level input must a voltage greater than 3.5V to be considered enabled.

External Enable Transition

If true a transition must occur on the enable hardware input to enable the wdt.

External Enable

If true the wdt timer is enabled by the hardware input. If the Transition Boolean is true then the enable must be toggled to re-enable after a time-out, otherwise the enable state will be determined by level.

Close Relay on Enable

The relay will close when wdt is enabled. This is used in cases where user also wants to monitor if power is applied to the wdt. As if it loses power, relay will open. The close on power up can also be used for this purpose, difference is when the relay closes.